

AMENDMENTS TO THE CLAIMS

1. - 43 (Cancelled)

44. (New) A method of inhibiting hematopoiesis comprising:
contacting a plurality of hematopoietic cells with an inhibiting amount of a
capsid agent comprising the sequence glutamine-glutamine-tyrosine; and
measuring the inhibition of hematopoiesis.
45. (New) The method of Claim 44 wherein the capsid agent comprises ^{the} VP1 and VP2
protein~~s~~
46. (New) The method of Claim 44, wherein the capsid agent comprises ^{the} VP2 protein.
47. (New) The method of Claim 44, wherein the capsid agent comprises a sequence selected
from the group consisting of SEQ. ID NO. 2, SEQ. ID NO. 3, SEQ. ID NO. 4, SEQ. ID.
NO. 5, SEQ. ID NO. 6, SEQ. ID NO. 7, SEQ. ID NO. 8, and SEQ. ID NO. 48.
48. (New) The method of Claim 44, wherein the capsid agent consists of the sequence
glutamine-glutamine-tyrosine.
49. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 2.
50. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 3.
51. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 4.
52. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 5.
53. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 6.
54. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 7.
55. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 8.
56. (New) The method of Claim 47, wherein the sequence is SEQ. ID NO. 48.
57. (New) The method of Claim 44, wherein the capsid agent comprises VP1 protein.
58. (New) The method of Claim 44, wherein the capsid agent comprises ^{the} ~~of~~ VP2 protein.
59. (New) A method of inhibiting hematopoiesis comprising:
identifying a subject in need of an inhibition of hematopoiesis; and

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providing to said subject an inhibiting amount of a capsid agent comprising the sequence glutamine-glutamine-tyrosine.

60. (New) The method of Claim 59, wherein the capsid agent comprises VP1 and VP2 protein.
61. (New) The method of Claim 59, wherein the capsid agent comprises VP2 protein.
62. (New) The method of Claim 59, wherein the capsid agent comprises a sequence selected from the group consisting of SEQ. ID. NO. 2, SEQ. ID. NO. 3, SEQ. ID. NO. 4, SEQ. ID. NO. 5, SEQ. ID. NO. 6, SEQ. ID. NO. 7, SEQ. ID. NO. 8, and SEQ. ID. NO. 48.
63. (New) The method of Claim 59, wherein the capsid agent consists of the sequence glutamine-glutamine-tyrosine.
64. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 2.
65. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 3.
66. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 4.
67. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 5.
68. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 6.
69. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 7.
70. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 8.
71. (New) The method of Claim 59, wherein the sequence is SEQ. ID. NO. 48.
72. (New) The method of Claim 59, wherein the subject has a hematological proliferative disorder.
73. (New) The method of Claim 72, wherein the hematological proliferative disorder is polycythemia vera.
74. (New) A method of inhibiting hematopoiesis comprising:
identifying a subject in need of an inhibition of hematopoiesis; and
providing to said subject an inhibiting amount of a fragment of VP2 protein,
wherein said fragment is of a length sufficient to inhibit hematopoiesis.